

# SEQUENCE LISTING

<110> Dellaporta, Stephen L.  
Moreno, Maria A.  
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<120> Methods and Compositions to Reduce or Eliminate  
Transmission of a Transgene

<130> 44574-5078-US

<140>

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<150> US 60/185,524

<151> 2000-02-28

<160> 16

<170> PatentIn Ver. 2.1

<210> 1

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 5' PCR primer

<400> 1

aagctttggc catattgcag tcatcc

26

<210> 2

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 5' PCR primer

<400> 2

aagcttgctc gagcagggat gaaagtagga tggga

35

<210> 3

<211> 4565

<212> DNA

<213> Zea mays

<220>

<223> Transposable element Ac

<400> 3

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tacggtaatc	gaaaaccgat	acgatccggt	cgggttaaag	tcgaaatcgg	acgggaaccg	180
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ccctg

```

```

<210> 4
<211> 36
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> Description of Artificial Sequence: 3' PCR primer

```

```

<400> 4
gaattccctc gagtagggat gaaaacggtc ggtaac

```

36

```

<210> 5
<211> 29
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> Description of Artificial Sequence: 3' PCR primer

```

```

<400> 5
gaattcgaat atatgttttc atgtgtgat

```

29

```

<210> 6
<211> 615
<212> DNA
<213> Streptomyces hygroscopicus

```

```

<220>
<223> bar gene for phosphinothricin acetyl transferase

```

```

<400> 6
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cgccgtgcca ccgaggcgga catgccggcg gtctgcacca tcgtcaacca ctacatcgag 120

```

```

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gccggcttca agcacgggaa ctggcatgac gtgggtttct ggcagctgga cttcagcctg 540
ccggtaccgc cccgtccggt cctgcccgtc accgagatct gatgaccgcg gggatccctg 600
caggcatgca agctt                                     615

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```

<210> 7
<211> 831
<212> DNA
<213> Agrobacterium tumefaciens

```

```

<220>
<221> polyA_signal
<222> (514)..(813)

```

```

<400> 7
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ttgtcttaca caaacacacc tcacatcatg aatttcgcag atactccctt ggcctccctc 180
gacctagact gggcatgcga agagttttatc aaaacttatg gtgcatctcc acaattggaa 240
acaggagagg taatccaaac aaacaatggg ctgctgtatt tgtatggcaa aggttcactc 300
tcacagcggâ ttcatgacac acacctcaaa tttaaggaga aggaagaatt atccttcact 360
accataaagc cagctgagat gaaggcgcaa caaagtgatt taacttatta tgcgccatt 420
tttcaaagca actatttcct gtgcgtttca aatccagaga aaggctttct gagatgccat 480
aatcgcccat ttctgtaccc catagtagcc catggatcga tgagctaagc tagctatc 540
atcaatttat gtattacaca taatatcgca ctcagtcttt catctacggc aatgtaccag 600
ctgatataat cagttattga aatatttctg aatttaaact tgcataata aatttatgtt 660
tttgcttgga ctataatacc tgacttggtta ttttatcaat aaatatttaa actatatttc 720
tttcaagata tcattcttta caagtatacg tgtttaaatt gaataccata aatttttatt 780
tttcaaatac atgtaaaatt atgaaatggg agtgggtggcg accgagctca a 831

```

```

<210> 8
<211> 1287
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> Description of Artificial Sequence: Construct-
      TA29:barnase:A. tumefaciens poly-A site

```

```

<400> 8
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caacaaaagt tagttttgca agttgtgtgâ tatgtcttgt gctctatata tgccttgtg 480
gtgcaagtgt aacagtacaa catcatcact caaatcaaaâ tttttactta aagaaattag 540

```

ctaccatggt	accggttata	aacacgtttg	acgggggttg	ggattatctt	cagacatatc	600
ataagctacc	tgataattac	attacaaaat	cagaagcaca	agccctcggc	tgggtggcat	660
caaaagggaa	ccttgacagc	gtcgctccgg	ggaaaagcat	cggcggagac	atcttctcaa	720
acaggggaag	caaactcccg	ggcaaaagcg	gacgaacatg	gcgtgaagcg	gatattaact	780
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tatagcgcgc	aaactaggat	aaattatcgc	gcgcggtgtc	atctatgtta	ctagatcggg	1260
aagatccccg	ggtaccgagc	tcgaatt				1287

<210> 9

<211> 1303

<212> DNA

<213> *Oryza sativa*

<220>

<223> Pollen-specific gene

<400> 9

ccggggccatg	gcataccttta	gaatggagga	atttaagtga	aattgagcta	aactatgtga	60
acatcctatg	aagttactgc	attcaaggcg	cccaacatga	aatctattca	ggttcccaag	120
ttgtgggctt	ccgtaacgtc	aaaattcgac	agattttctg	ctggctaaaa	caccacaaac	180
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<210> 10

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 5' PCR primer

<400> 10  
 acccatgtga gtttctttct tctccat 27

<210> 11  
 <211> 28  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: 5' PCR primer

<400> 11  
 ttataggaattccagcag ctcagcat 28

<210> 12  
 <211> 26  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: 5' PCR primer

<400> 12  
 gaattccggg ccatggcatc ctttag 26

<210> 13  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: 5' PCR primer

<400> 13  
 ccatggatga tgtggctgca aatg 24

<210> 14  
 <211> 6741  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Cloning  
 vector pPZP200 for plant transformation

<400> 14  
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 tagaaccgga gacattacgc catgaacaag agcgccgccc ctggcctgct gggctatgcc 240  
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<213> Artificial Sequence

<220>

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